



199 Raymond Road P.O. Box 111 Sudbury, Massachusetts 01776

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**GENERAL WATER PERMIT APPLICATION**

**CROSS CONNECTION CONTROL AUTHORITY AND APPLICABILITY:** Pursuant to the Federal Safe Drinking Water Act of 1974 (Public Law 93-523), the Massachusetts Department of Environmental Protection (MassDEP) Drinking Water Regulations, 310 CMR 22.22, and the Sudbury Water District System Rules and Regulations, all commercial, industrial, institutional, and municipal facilities, as well as certain residential dwelling units that are required by law to install an NFPA 13D fire protection system, are required to install and maintain approved backflow prevention devices to protect the public potable water supply from actual or potential cross-connections with unapproved sources. All installations shall fully comply with applicable Massachusetts Department of Environmental Protection (MassDEP) requirements and District standards.

DATE

LOCATION ID (ASSIGNED UPON PAYMENT)

**PROJECT LOCATION**

STREET NO

LOT/UNIT NO

STREET NAME

**PROJECT TYPE (check all that apply)** WATER MAIN CONSTRUCTION NEW WATER SERVICE CONNECTION OWNER SIDE WATER SERVICE PIPE REPAIR RELOCATE WATER SERVICE PIPE DISCONNECT WATER SERVICE (CUT/CAP) FIRE PIPE INSTALLATION/MODIFICATION BACKFLOW PREVENTION DEVICE INSTALLATION/MODIFICATION OTHER (if other, specify): \_\_\_\_\_**APPLICANT INFORMATION**

NAME

CONTACT PERSON/TITLE

STREET ADDRESS

OFFICE PHONE

MOBILE PHONE

CITY

STATE

ZIP CODE

EMAIL ADDRESS

**CERTIFICATION AND REGULATORY COMPLIANCE** The undersigned hereby certifies, under penalties of perjury, that all information submitted in connection with this application is true, complete, and accurate to the best of their knowledge and belief. The Applicant further agrees to comply with the Federal Safe Drinking Water Act, 42 U.S.C. § 300f et seq.; the Massachusetts Drinking Water Regulations, 310 CMR 22.00, as administered by the Massachusetts Department of Environmental Protection (MassDEP); the Sudbury Water District System Rules and Regulations; and all applicable federal, state, and local laws, bylaws, ordinances, rules, regulations, policies, technical standards, specifications, rates, and fees of the Sudbury Water District, as amended from time to time. The Applicant accepts full responsibility for the proper performance, safety, and legal and code compliance of all work performed pursuant to this application and agrees to indemnify, defend, and hold harmless the District, its Commissioners, officers, employees, and agents from and against any and all claims, damages, liabilities, losses, costs, or expenses, including reasonable attorneys' fees, arising out of or related to such work. No work shall commence unless and until the District has issued written authorization in the form of a duly approved and executed General Water Permit Application bearing the signature of the District Foreman or duly appointed agent. Any work performed without such authorization may result in enforcement action as permitted by law and pursuant to 310 CMR 22.00. The obligations set forth herein shall survive the completion of the work and any inspection, approval, or acceptance thereof by the District.

*Signature of Authorized Agent***A) APPLICATION FEE (non-refundable)****\$150.00****B) RESIDENTIAL DOMESTIC WATER CONNECTION FEE**

Residential Domestic Water Connection: Any single-family dwelling unit or an individual apartment or condominium unit within a multifamily structure, including duplexes, apartment buildings, townhouses, and condominium buildings.

**SINGLE FAMILY CONNECTION****\$3,500.00** x **1** = **\$3,500.00****MULTIFAMILY CONNECTION (PER UNIT)****\$3,500.00** x \_\_\_\_\_ = \_\_\_\_\_

NO OF UNITS

**C) COMMERCIAL/INDUSTRIAL BUILDING DOMESTIC WATER CONNECTION (fee is calculated by meter size):**Commercial/Industrial Domestic Water Connection: Any structure intended for non-residential occupancy, including but not limited to hotels, dormitories, daycares, institutional, medical, assisted living, or rehabilitation/skilled nursing facilities. Owners of commercial buildings with meters greater than one (1) inch in diameter are responsible for the purchase, installation, testing, maintenance, repair, and replacement of all meters and appurtenances in accordance with Sudbury Water District standards. Meter Specifications: Neptune MACH 10 Ultrasonic Meter with integrated E-Coder R900i. [\(1\) INTERMEDIATE SIZE 1.5" to 2"](#) [\(2\) COMMERCIAL AND INDUSTRIAL \(CI\) SIZE 3" to 12"](#) **UP TO 2-INCH \$5,000.00** **UP TO 3-INCH \$10,000.00** **UP TO 4-INCH \$25,000.00** **UP TO 6-INCH \$50,000.00****D) MUNICIPAL DOMESTIC WATER CONNECTION FEE****\$3,500.00**

Municipal Domestic Water Connection: Any building, facility, or area owned, leased, operated, or otherwise utilized by a regional or municipal entity, including, but not limited to, schools, libraries, museums, community centers, and recreational facilities or fields.

**E) METER ASSEMBLY****\$840.62**

<b>FOR DISTRICT USE ONLY</b>	
DATE PAID	AMOUNT PAID
CHECK NO	RECEIVED BY

<b>A)</b>	<b>APPLICATION FEE:</b>	<b>\$</b>
<b>B)</b>	<b>RESIDENTIAL WATER CONNECTION FEE:</b>	<b>\$</b>
<b>+C)</b>	<b>COMMERCIAL WATER CONNECTION FEE:</b>	<b>\$</b>
<b>+D)</b>	<b>MUNICIPAL WATER CONNECTION FEE:</b>	<b>\$</b>
<b>+E)</b>	<b>METER ASSEMBLY:</b>	<b>\$</b>
<b>+F)</b>	<b>FIRE PROTECTION CONNECTION FEE:</b>	<b>\$</b>
(When/if Applicable, See Reverse Side for fee)		
=	<b>TOTAL DEPOSIT DUE:</b>	<b>\$</b>

**COMPLETE BOTH SIDES OF THIS APPLICATION – DO NOT LEAVE ANY FIELD BLANK**

**F) FIRE PROTECTION CONNECTION FEE (when applicable, calculated by Building SQF)**
**APPLICABLE FEE**

<input type="checkbox"/>	<b>&lt;20K SQF</b>	<b>\$500.00</b>	<input type="checkbox"/>	<b>60K-80K SQF</b>	<b>\$2,000.00</b>	
<input type="checkbox"/>	<b>20K-60K SQF</b>	<b>\$1,000.00</b>	<input type="checkbox"/>	<b>&gt;80K SQF</b>	<b>\$2,500.00</b>	

**\$**
**METER ASSEMBLY SUMMARY**

Quantity	Material	Cost
2	First Shut-off Valve (before meter) and Second Shut-off Valve (after meter):	\$253.27
1	Neptune Mach 10 Meter Integrated E-Coder R900I (US Gallon):	\$443.78
	Material Subtotal:	\$697.05
	Labor:	\$100.00
	Mass Sales Tax 6.25%:	\$79.05
	Total:	\$840.62

**LICENSED WATER CONTRACTOR INFORMATION**

NAME	CONTACT PERSON/TITLE		
STREET ADDRESS	OFFICE PHONE	MOBILE PHONE	
CITY	STATE	ZIP CODE	EMAIL ADDRESS
MA HOISTING LICENSED NUMBER/GRADE	EXPIRATION DATE	DIG SAFE NUMBER	VALID THRU DATE

**REQUIRED SUBMITALS:**
**NEW DOMESTIC WATER SERVICE CONNECTION (including reconstruction following demolition or complete teardown of an existing dwelling unit)**

- Proposed Utility Plan (full scale) duly certified and stamped by a Massachusetts-licensed Professional Engineer

**FIRE PROTECTION CONNECTION (COMMERCIAL, INDUSTRIAL, INSTITUTIONAL, MUNICIPAL AND (CERTAIN RESIDENTIAL BUILDINGS THAT ARE REQUIRED BY LAW TO INSTALL A NFPA 130 FIRE PROTECTION SYSTEM):**

- Proposed Utility Plan (full scale) duly certified and stamped by a Massachusetts-licensed Professional Engineer
- Backflow Prevention Device Design Data Sheet duly approved and executed by the District's Cross Connection Control Program Coordinator
- Manufacturer's Product Specification Sheet
- Piping Schematic (fully detailed and labeled)

**CROSS CONNECTION CONTROL AUTHORITY AND APPLICABILITY:**

Pursuant to the Federal Safe Drinking Water Act of 1974 (Public Law 93-523), the Massachusetts Department of Environmental Protection (MassDEP) Drinking Water Regulations, 310 CMR 22.22, and the Sudbury Water District System Rules and Regulations, all commercial, industrial, institutional, and municipal facilities, as well as certain residential dwelling units, are required to install and maintain approved backflow prevention devices to protect the public potable water supply from actual or potential cross-connections with unapproved sources. All installations shall fully comply with applicable MassDEP requirements and Sudbury Water District standards. Residential dwelling units that are required by law to install an NFPA 13D fire protection system shall also be required to install and maintain an approved backflow prevention device. This requirement applies to new single and two-family dwellings with an aggregate gross floor area exceeding 14,400 square feet; and Group R-2 residential occupancies containing three (3) or more dwelling units, including condominiums and townhouses.

**NEW DOMESTIC WATER SERVICE CONNECTION:**

**GENERAL WATER PERMIT APPLICATION (completed and signed)**  
 **DEPOSIT (received)**  
 **PROPOSED UTILITY PLAN (full scale)**

Duly certified and stamped by a Massachusetts licensed Professional Engineer

**FIRE PROTECTION CONNECTION (when/if applicable):**

**BACKFLOW PREVENTION DEVICE DESIGN DATA SHEET**  
Duly approved and executed, bearing the signature of *bearing the signature of the District's Cross Connection Control Program Coordinator.*

**MANUFACTURER'S PRODUCT SPECIFICATION SHEET**

**PIPING SCHEMATIC (fully detailed and labeled)**

**GENERAL WATER PERMIT APPLICATION IS:**

**APPROVED**  
 **DENIED**

**IF APPLICATION IS DENIED STATE REASON:**


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Michael Abbondanzio

DATE

Foreman

d: 978-443-6602 Ext 106

m: 508-962-7907

e: mabbondanzio@sudburywater.com

## CONNECTION AND METER REQUIREMENTS

**Regulatory Authorization** No work associated with a connection to the public water system shall commence unless and until the District has issued written authorization in the form of a duly approved and executed General Water Permit application (GWPA) bearing the signature of the District Foreman or duly appointed agent. Any work performed without such authorization may be subject to enforcement action as permitted by law, including but not limited to the Federal Safe Drinking Water Act, 42 U.S.C. § 300f et seq.; the Massachusetts Drinking Water Regulations, 310 CMR 22.00, as administered by the Massachusetts Department of Environmental Protection (MassDEP); the Sudbury Water District System Rules and Regulations; and all applicable federal, state, and local laws, bylaws, ordinances, rules, regulations, policies, technical standards, specifications, rates, and fees of the Sudbury Water District, as amended from time to time.

**District Oversight and Inspection** The District shall inspect all trenching, piping, meters, appurtenances, backflow prevention device assemblies, and all other work associated with the public water supply. Inspections shall be conducted to verify compliance with applicable drinking water standards, District Rules and Regulations, approved permits, and technical specifications.

**Licensing Requirements** All excavation and related work shall be performed by a Massachusetts-licensed Hoisting Engineer who also holds a valid and current Sudbury Water District Water Contractor License.

**Scheduling and Notice** A minimum of forty-eight (48) hours' advance notice is required for all inspections, water main taps, meter installations, service turn-ons, and initial backflow prevention device testing and inspection. Scheduling shall be coordinated through the District's Administration Office. Inspections and appointments shall not be scheduled on weekends, holidays, or outside normal business hours.

**Water Main Taps** Property owners or their duly authorized agents shall be responsible for arranging water main taps. District personnel shall be present on site to witness all taps to the public water main. Water main taps shall not be permitted on Fridays or on legal holidays observed by the District. Notwithstanding the foregoing, the District may authorize water main taps outside of these restrictions in the event of an emergency or where necessary to protect public health, safety, or the integrity of the public water system, provided such authorization is granted in advance and in writing by the Executive Director or their designee.

**Disconnection of Services (Cut/Cap)** As a condition of the demolition of any building or structure connected to the public water system, the owner of record or the owner's duly authorized agent shall provide formal written notice to the District by submitting a completed GWPA, together with the required deposit and all supporting documentation. All domestic water and fire sprinkler service connections to the water main shall be identified and accounted for. All disconnection, removal, cutting, and capping of water services shall be performed strictly in accordance with District Rules and Regulations and approved technical specifications and shall be subject to inspection and approval by the District. No backfilling shall occur until the District has verified, to its satisfaction, that all services have been properly removed or cut and capped at the water main. Fire sprinkler service lines may be authorized for reuse in connection with a new structure only upon the prior written approval of the Executive Director.

**Service Pipe Trenching** Service pipe trenches shall not exceed a maximum depth of five (5) feet unless otherwise approved in writing by the District. Trench bottoms shall be free of rocks and sharp objects and shall be properly prepared and compacted to prevent settlement. All piping shall remain exposed for District inspection and approval prior to connection and backfilling.

**Materials and Installation Standards** Service piping shall consist of one-inch (1") SDR 9 / AWWA C901 (PE 3408) polyethylene CTS tubing rated for a minimum working pressure of 200 PSI. Tracer wire or magnetic locating tape shall be installed not less than eighteen (18) inches below finished grade.

**Meter Assembly Installation Requirements** Water meters shall be installed in a horizontal orientation, not less than six (6) inches from walls and twelve (12) to eighteen (18) inches above the finished floor. The owner of record or their duly authorized agent shall be responsible for providing adequate structural support to prevent strain on the meter and associated piping. Meters and all associated valves shall remain readily accessible at all times and shall not be enclosed within permanent structures or obstructed by finishes, equipment, or stored materials.

**Ownership and Maintenance Responsibility** The District shall own and maintain the street-side shutoff valve and water meter up to and including one (1) inch in diameter. The owner of property shall own and maintain all plumbing and appurtenance(s) beyond the first valve. Water meters greater than one (1) inch in diameter shall be owned and maintained by the property owner. The owner of record or their duly authorized agent shall obtain prior written authorization from the District before performing any maintenance, relocation, or removal of District-owned equipment. The owner of record or their duly authorized agent shall be responsible for protecting the water meter from damage and ensuring unobstructed access at all times.

**Fire Protection Services** Fire protection services shall be supplied by a separate water main tap and curb valve, independent of the domestic water service. Interconnections between domestic and fire service lines are strictly prohibited. This requirement shall apply to commercial, industrial, institutional, municipal, and applicable residential buildings, as determined by the District.

**Roadway Work and Municipal Coordination** Any work conducted within a public roadway shall be subject to the jurisdiction of the Town of Sudbury Department of Public Works (DPW) and shall not proceed without the issuance of all required roadway opening permits and authorizations. Applicants shall verify pavement moratorium status with the DPW prior to initiating roadway work. Failure to comply may result in project delays, suspension of work, denial of permits, or enforcement action.